

# 7B
Dmt
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hara, et al.

Art Unit : 1651

Serial No. : 09/699,133

Examiner : David Naff

Filed : October 27, 2000

Title : CARRIERS FOR CELL CULTURE AND METHODS FOR CULTURING
CELLS USING THE SAME

RECEIVED

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

MAY 22 2003

TECH CENTER 1600/2900

RESPONSE

In response to the Office Action mailed December 17, 2002, please enter the following
amendments are remarks:

IN THE CLAIMS:

Please cancel claims 5, and 27-28 without prejudice.

Please amend the claims as follows:

1-5. (Canceled)

6. (Currently Amended) A method for piling up a cell forming a structure having
multiple cell layers, wherein the method comprises comprising:

(a) forming a cell layer on a carrier; ~~wherein the carrier comprises a porous membrane~~
and an alginate gel layer which is formed on the porous membrane;

(b) solubilizing ~~an~~ the alginate gel layer of the carrier thereby exfoliating the cell layer
from ~~a~~ the porous membrane of the carrier; and

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being
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May 16, 2003

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